

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038449.D
 Acq On : 31 May 2020 05:51
 Operator : JC/MD
 Sample : L2788-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:31:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99932	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	83919	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.59	63	145665	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.68	46	384286	62.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.14%
24) Chloroform-d	5.10	84	199290	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	121388	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.76	84	402520	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	124196	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	333439	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	50113	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.65	63	320276	63.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110658	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	138105	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

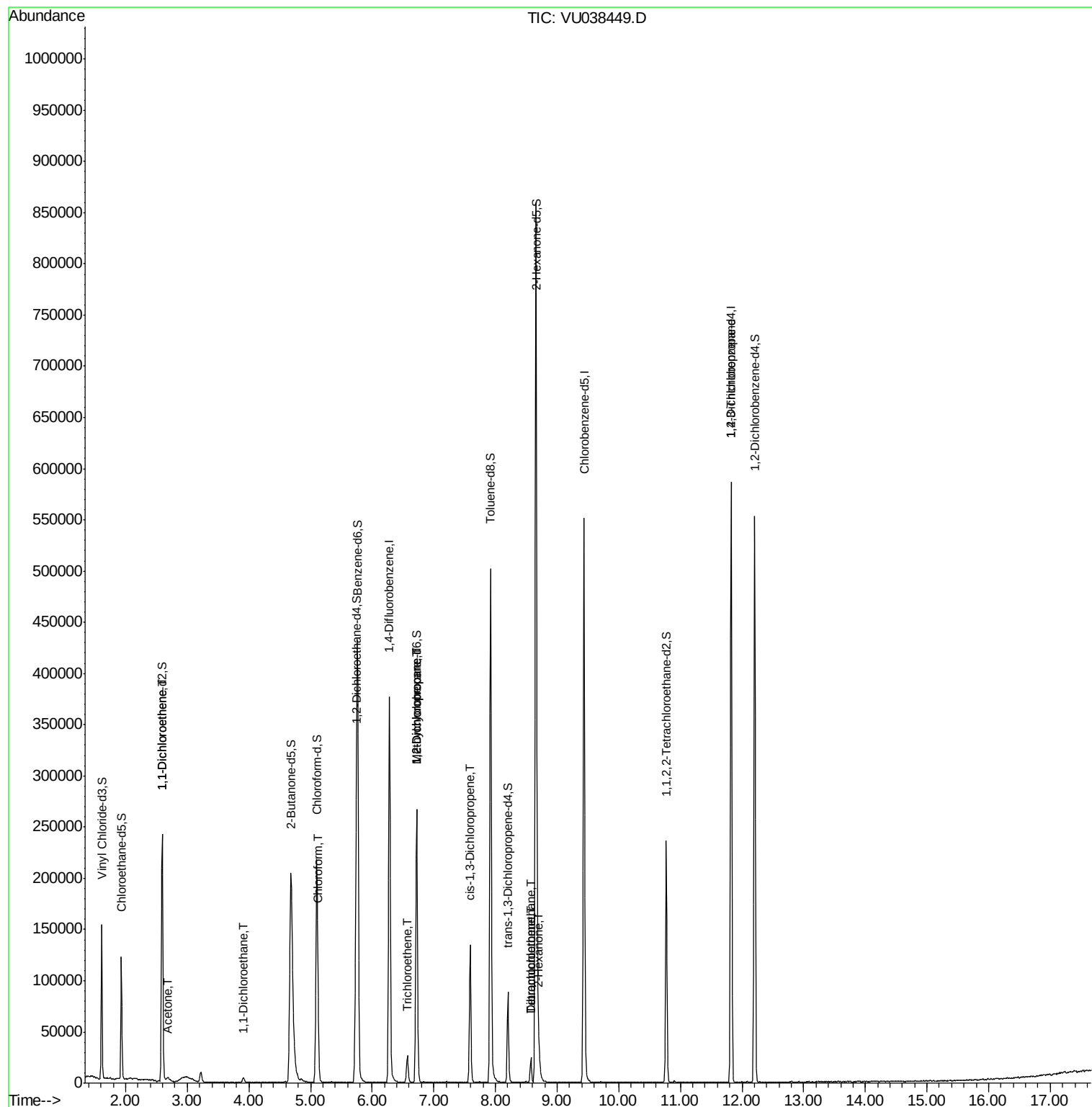
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1204	0.062	ug/L #	1
13) Acetone	2.68	43	6156	1.519	ug/L	74
19) 1,1-Dichloroethane	3.91	63	6475	0.173	ug/L	94
25) Chloroform	5.13	83	13287	0.350	ug/L	91
34) Trichloroethene	6.57	95	7768	0.345	ug/L	97
35) Methylcyclohexane	6.72	83	30510	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14327	0.657	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3200	0.099	ug/L #	65
47) Tetrachloroethene	8.57	164	5461	0.334	ug/L	90
48) 2-Hexanone	8.71	43	15247	1.291	ug/L	94
49) Dibromochloromethane	8.57	129	5204	0.293	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	18089	1.111	ug/L #	83

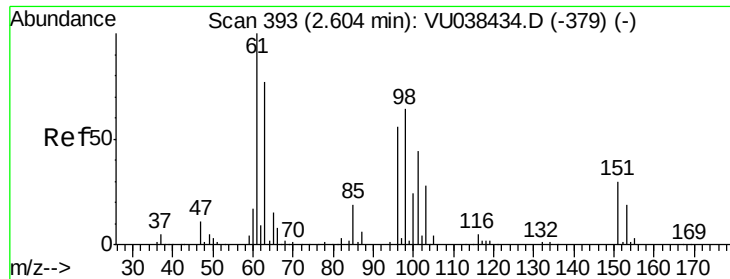
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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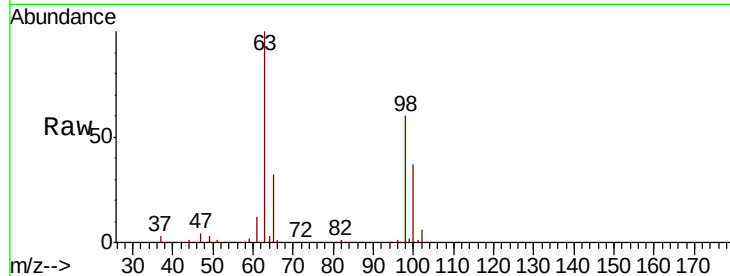




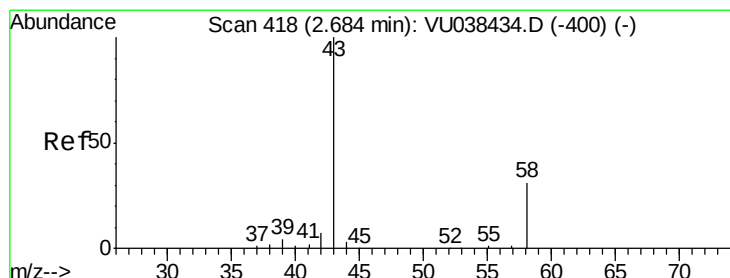
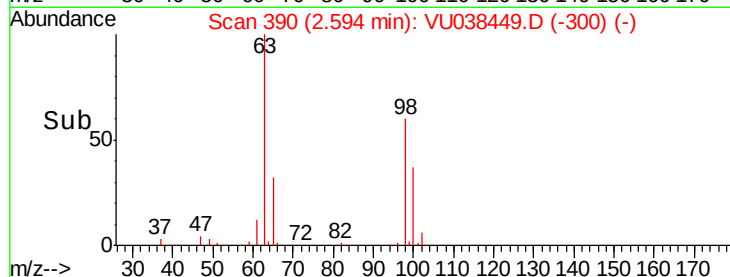
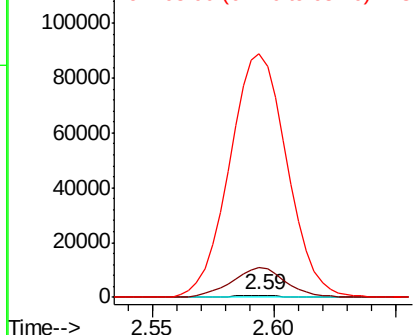
#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 1204
 Ion Ratio Lower Upper
 96 100
 61 1540.2 119.9 222.7#
 63 12626.1 89.9 167.0#

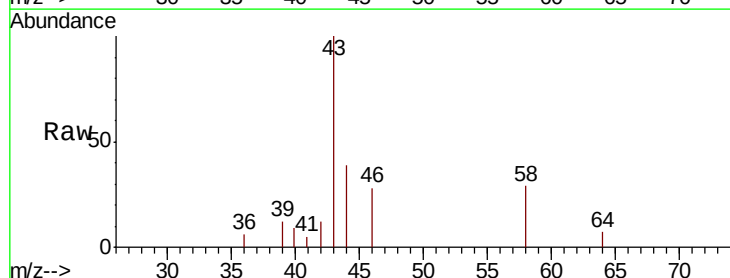


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

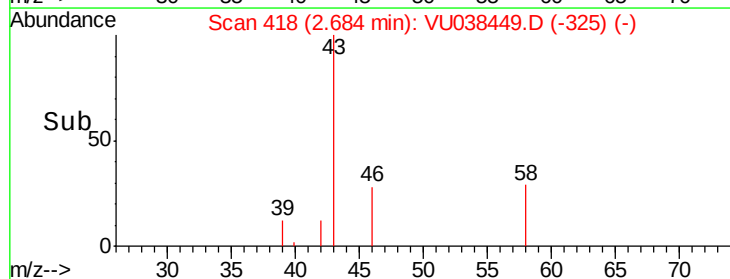
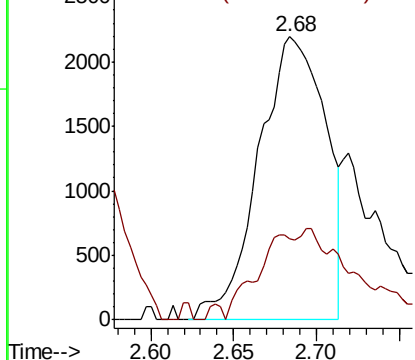


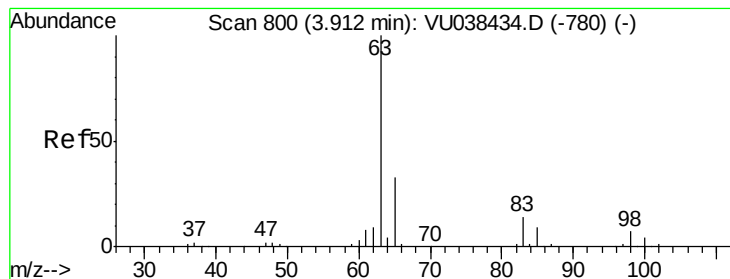
#13
 Acetone
 Concen: 1.519 ug/L
 RT: 2.68 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

Tgt Ion: 43 Resp: 6156
 Ion Ratio Lower Upper
 43 100
 58 17.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.173 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Instrument :

MSVOA_U

ClientSampled :

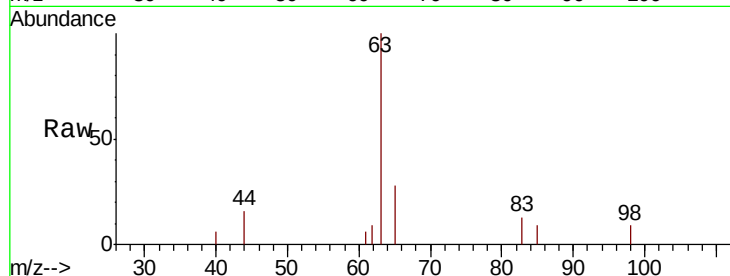
Tot Ion: 63 Resp: 6475

Ion Ratio Lower Upper

63 100

65 28.4 22.3 41.5

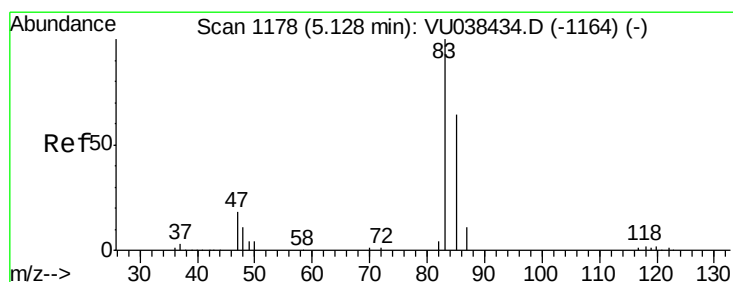
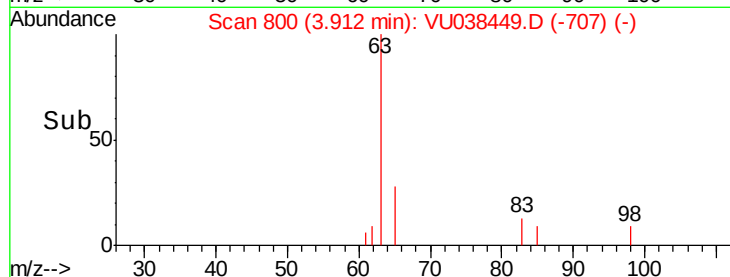
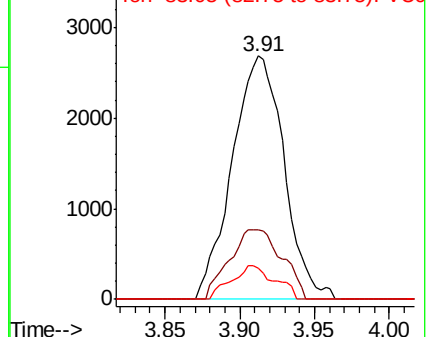
83 12.8 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038449.D (-707) (-)

Ion 65.10 (64.80 to 65.80): VU038449.D (-707) (-)

Ion 83.05 (82.75 to 83.75): VU038449.D (-707) (-)



#25

Chloroform

Concen: 0.350 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038449.D

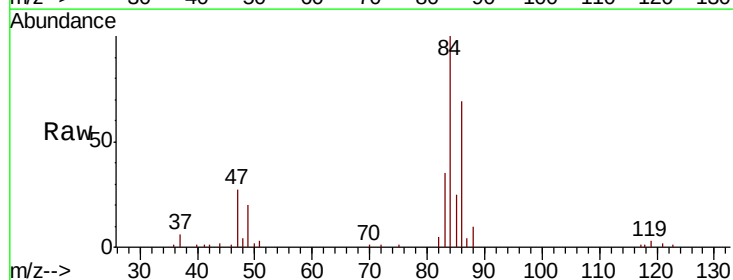
Acq: 31 May 2020 05:51

Tgt Ion: 83 Resp: 13287

Ion Ratio Lower Upper

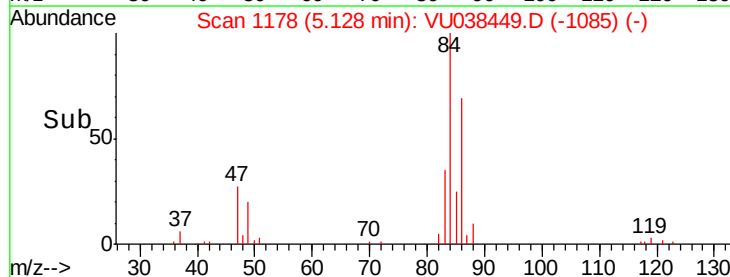
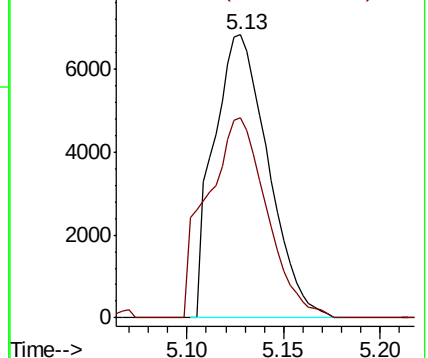
83 100

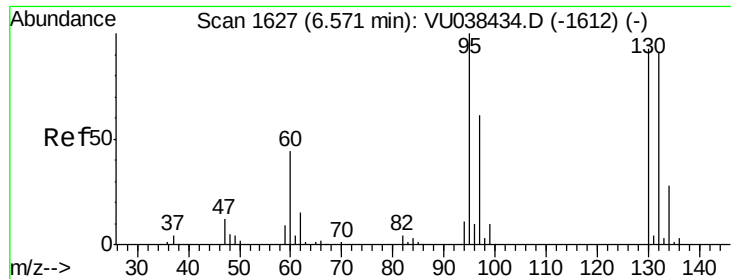
85 70.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038449.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU038449.D (-1085) (-)

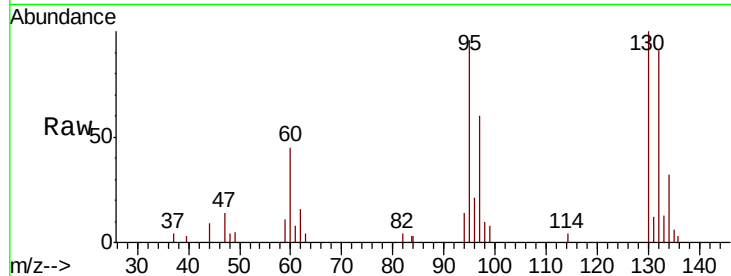




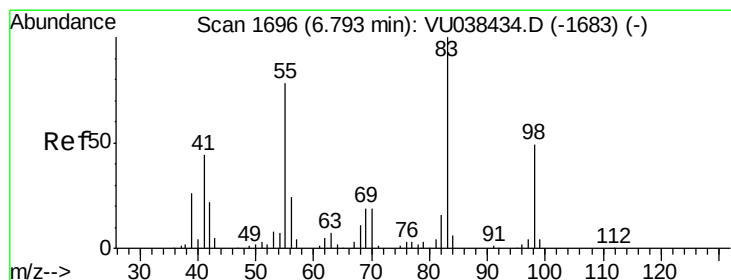
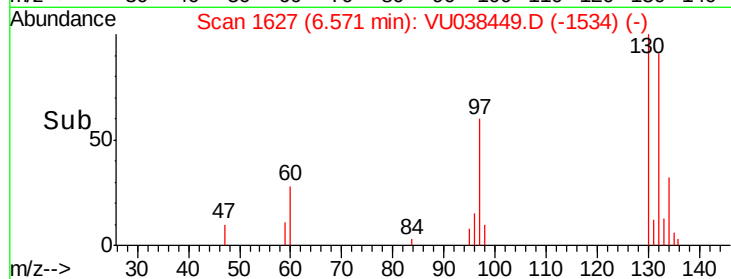
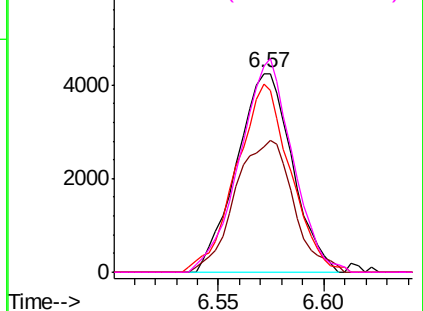
#34
 Trichloroethene
 Concen: 0.345 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 7768
 Ion Ratio Lower Upper
 95 100
 97 62.9 46.8 87.0
 132 95.0 66.1 122.7
 130 104.0 70.0 130.0

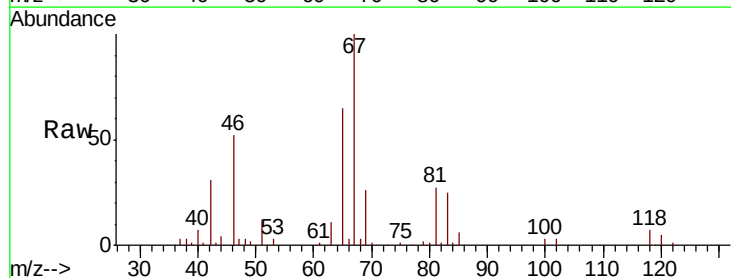


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

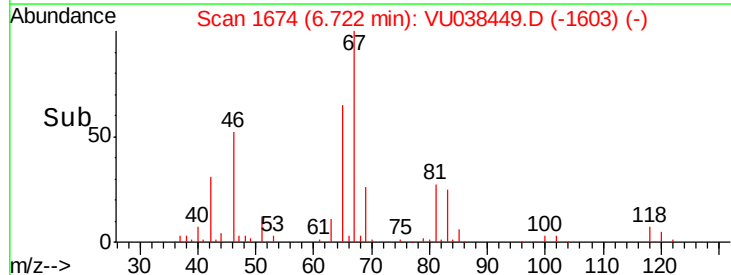
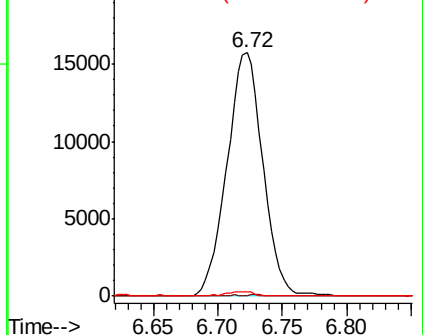


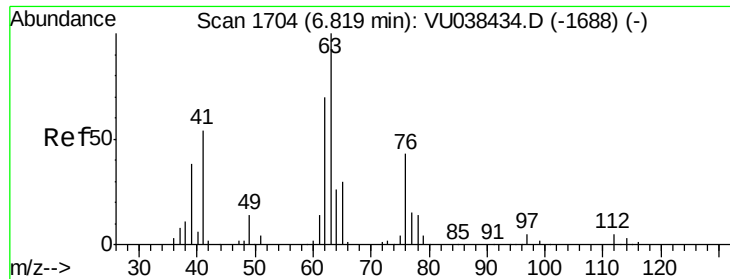
#35
 Methylcyclohexane
 Concen: 0.876 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

Tgt Ion: 83 Resp: 30510
 Ion Ratio Lower Upper
 83 100
 55 0.2 63.4 95.2#
 98 1.3 39.0 58.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

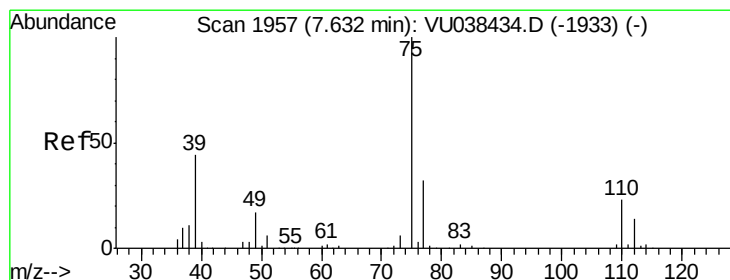
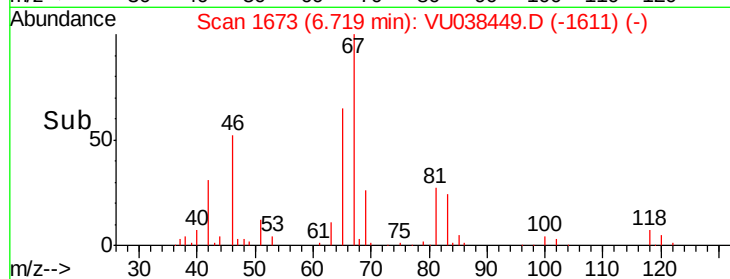
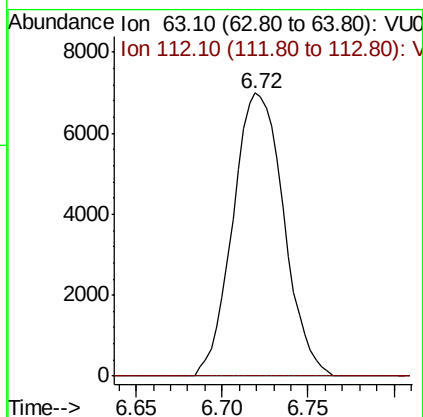
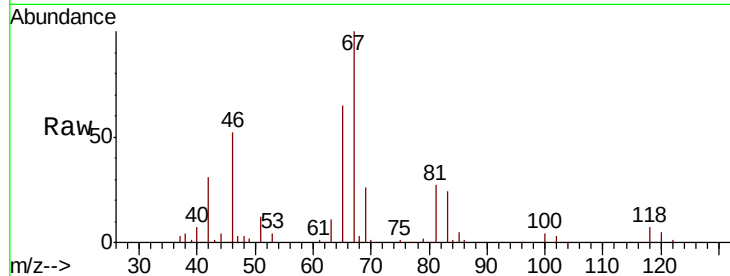




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

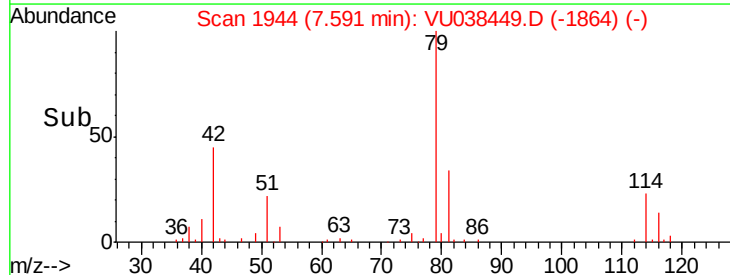
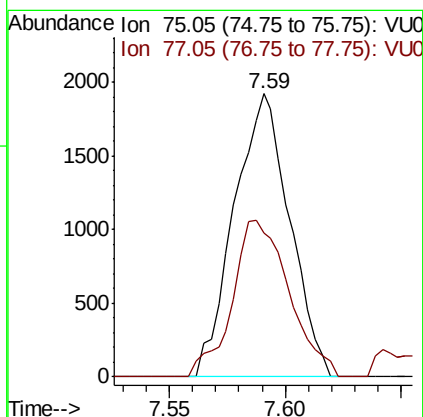
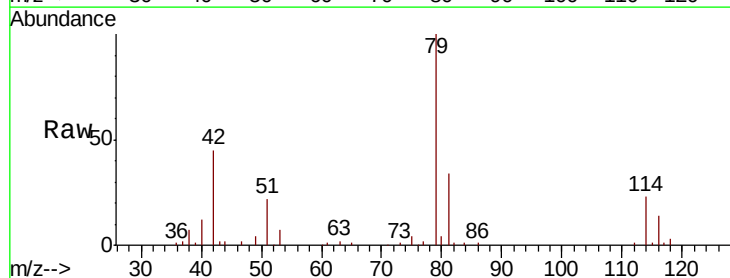
Instrument :
 MSVOA_U
 ClientSampleId :

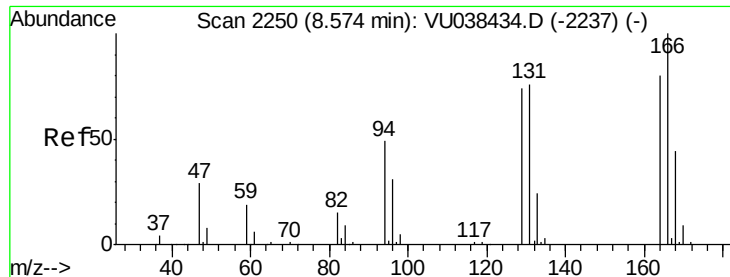
Tot Ion: 63 Resp: 14327
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038449.D
 Acq: 31 May 2020 05:51

Tgt Ion: 75 Resp: 3200
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.9 40.7#





#47

Tetrachloroethene

Concen: 0.334 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 5461

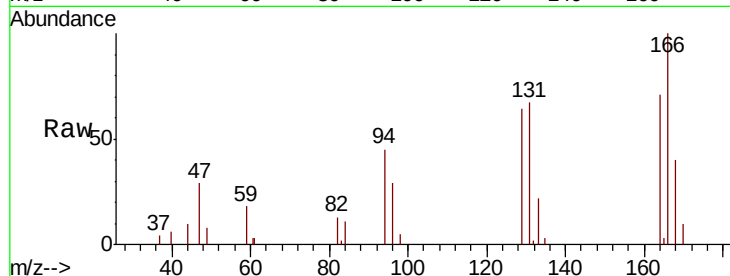
Ion Ratio Lower Upper

164 100

129 90.3 67.4 125.2

131 95.1 64.1 119.1

166 140.9 85.7 159.1

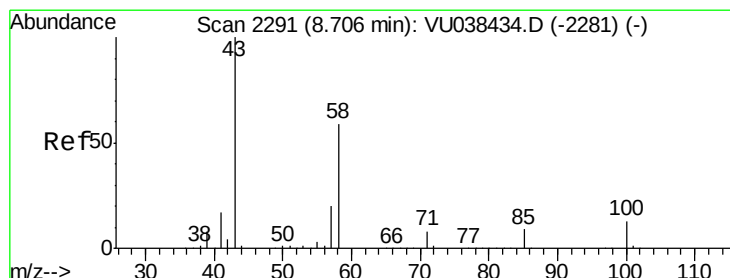
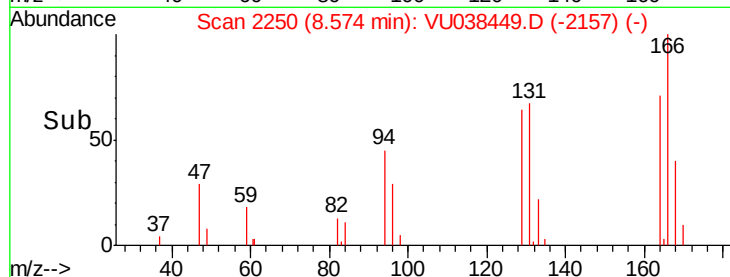
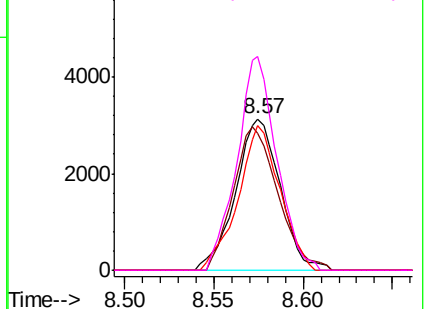


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.291 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Tgt Ion: 43 Resp: 15247

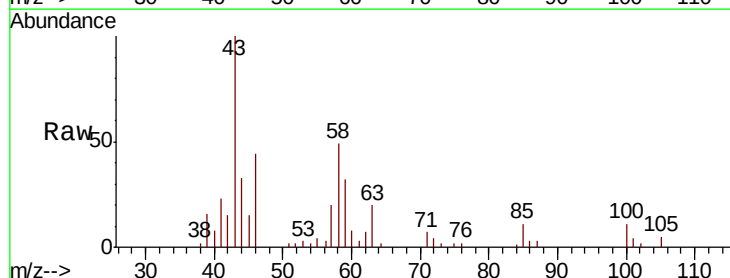
Ion Ratio Lower Upper

43 100

58 52.8 45.4 68.0

57 23.7 15.9 23.9

100 10.5 10.5 15.7

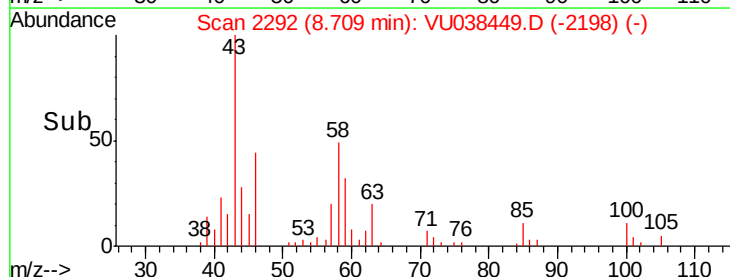
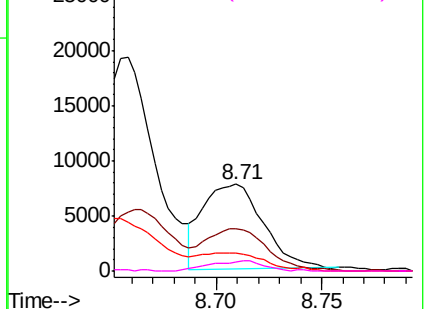


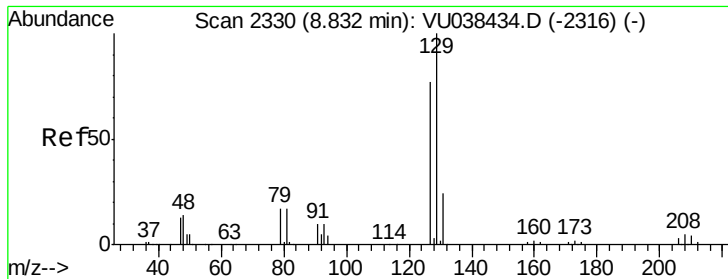
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.293 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038449.D

Acq: 31 May 2020 05:51

Instrument :

MSVOA_U

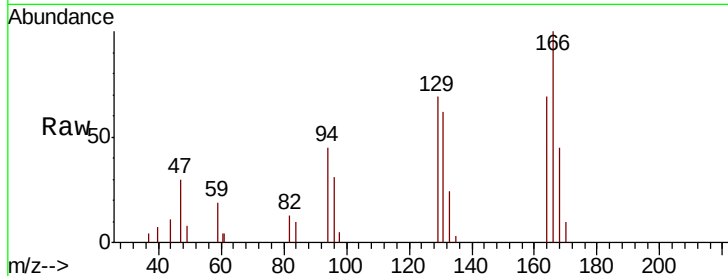
ClientSampleId :

Tot Ion:129 Resp: 5204

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

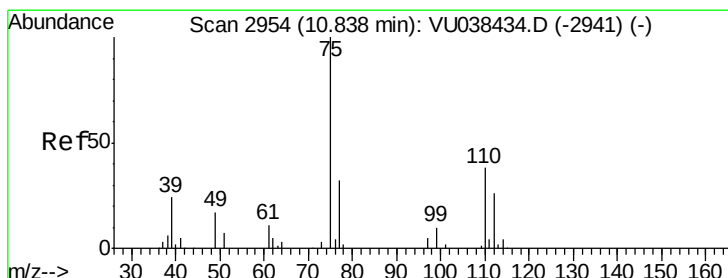
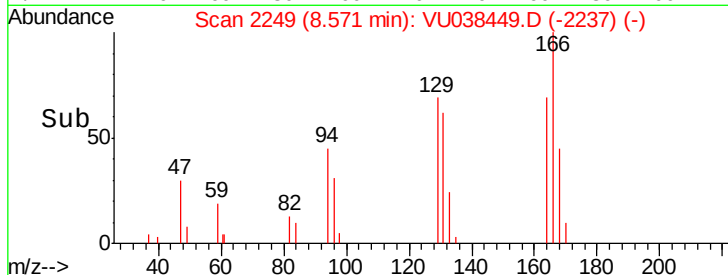
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.111 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038449.D

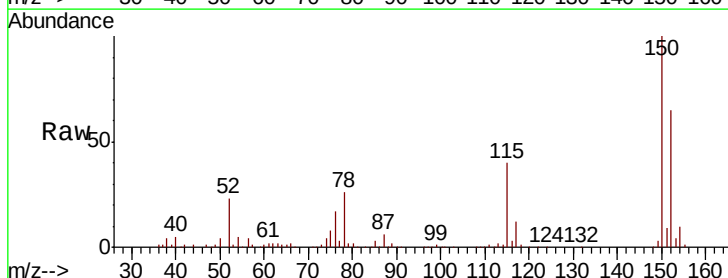
Acq: 31 May 2020 05:51

Tgt Ion: 75 Resp: 18089

Ion Ratio Lower Upper

75 100

77 41.2 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

10000

5000

0

Time-->

